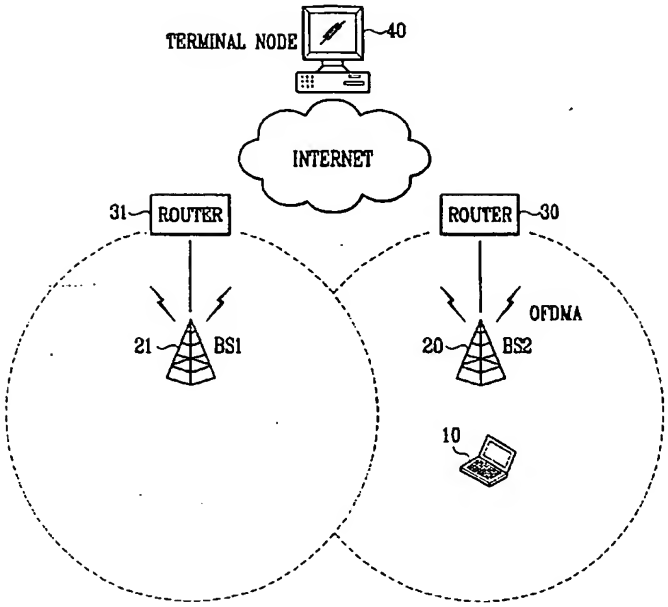
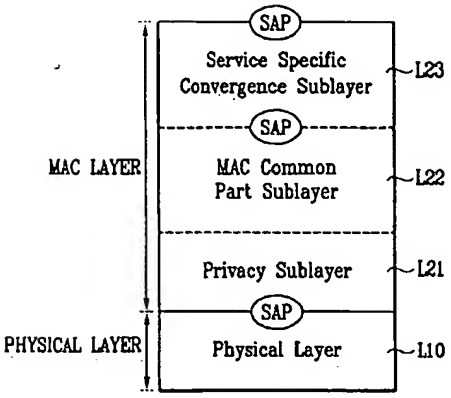
[Fig. 1]

Prior Art



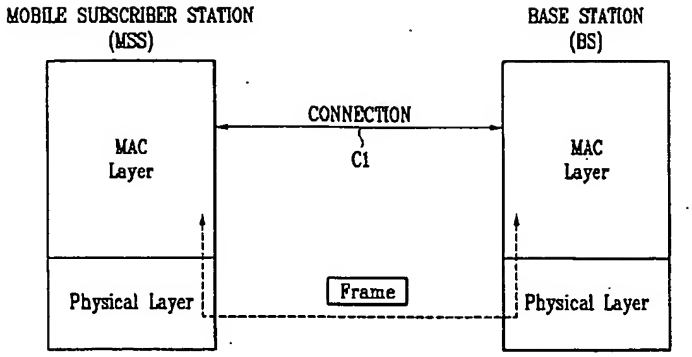
[Fig. 2]

Prior Art



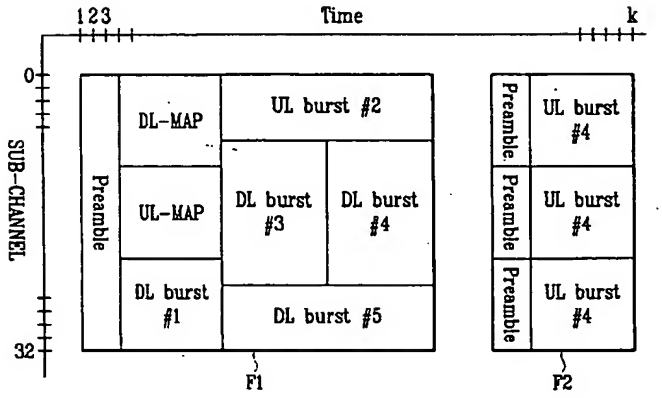
[Fig. 3]

Prior Art



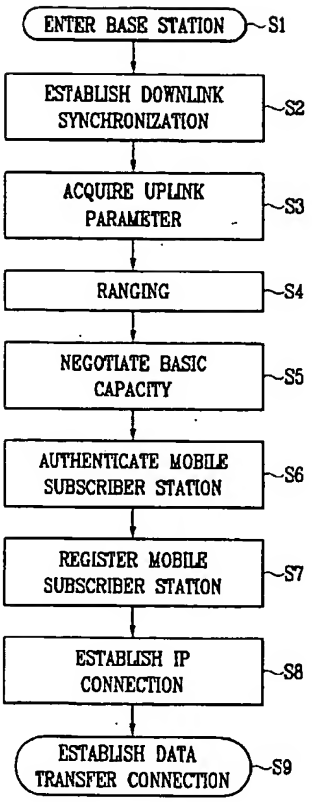
[Fig. 4]

Prior Art



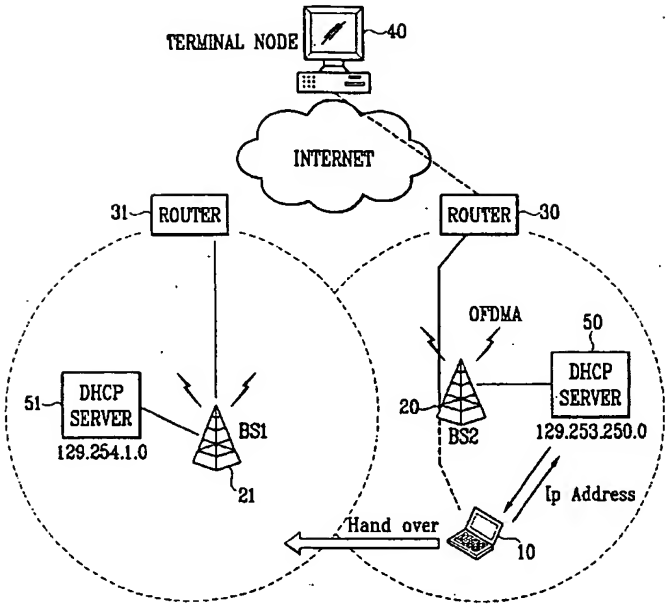
[Fig. 5]

Prior Art

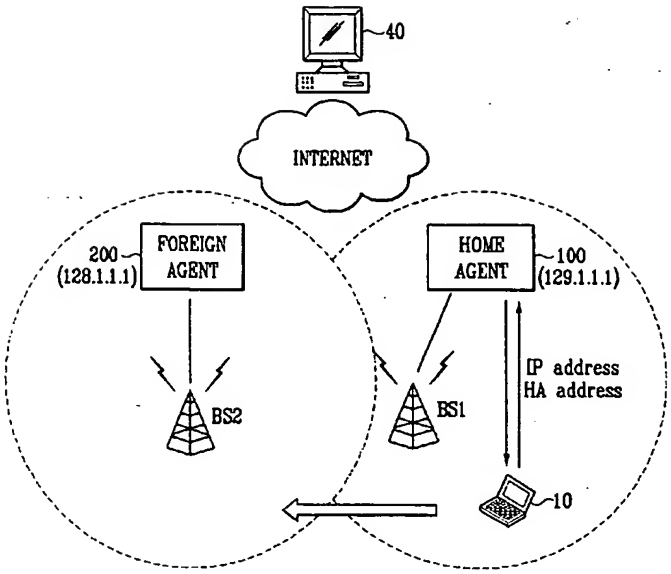


[Fig. 6]

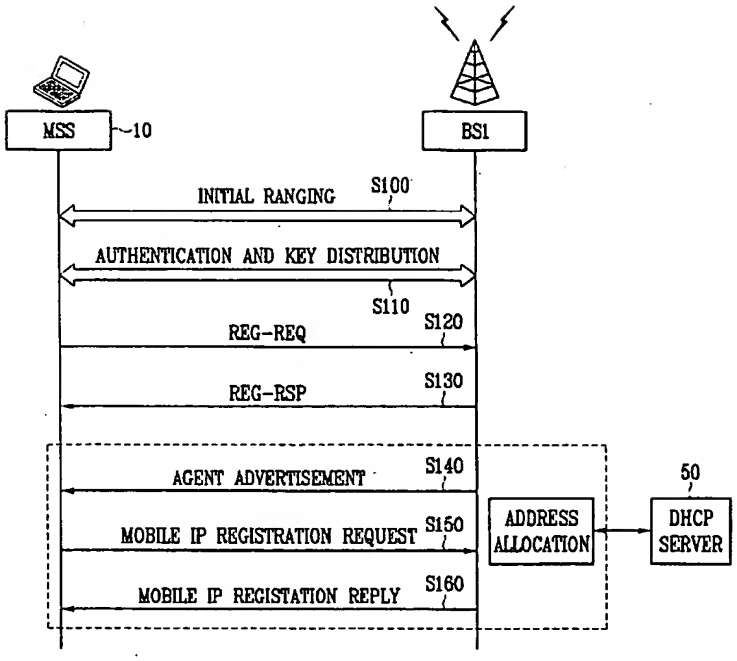
Prior Art



[Fig. 7]


40
INTERNET
200
(128.1.1.1)
FOREIGN AGENT
HOME AGENT
100
(129.1.1.1)
IP address
HA address
BS2
BS1
10

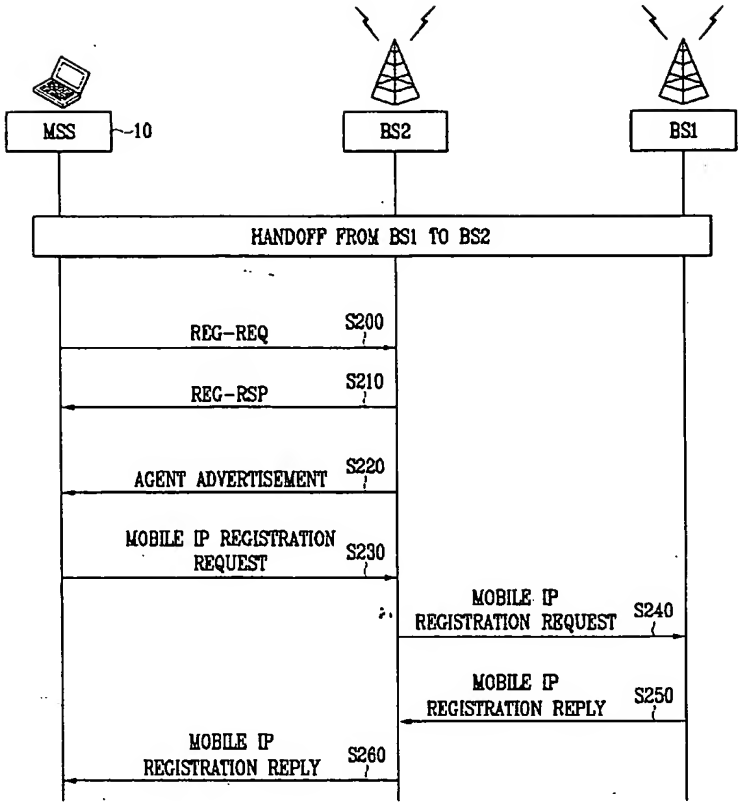
[Fig. 8]


MSS
10
BS1
INITIAL RANGING
S100
AUTHENTICATION AND KEY DISTRIBUTION
S110
REG-REQ
S120
REG-RSP
S130
AGENT ADVERTISEMENT
S140
MOBILE IP REGISTRATION REQUEST
S150
MOBILE IP REGISTATION REPLY
S160
ADDRESS ALLOCATION
50
DHCP SERVER

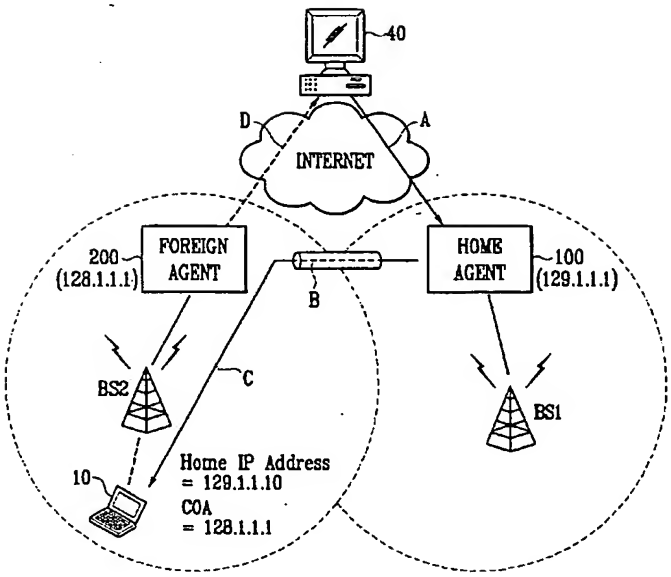
[Fig. 9]

Type	Length	Value	Scope
5.9	1	bit #0 : IPv4 - (301) bit #1 : IPv6 - (302) bit #2 : Mobile IPv4 - (303) bit #3-7 : reserved; shell be sent to zero	REG-REQ, REQ-RSP

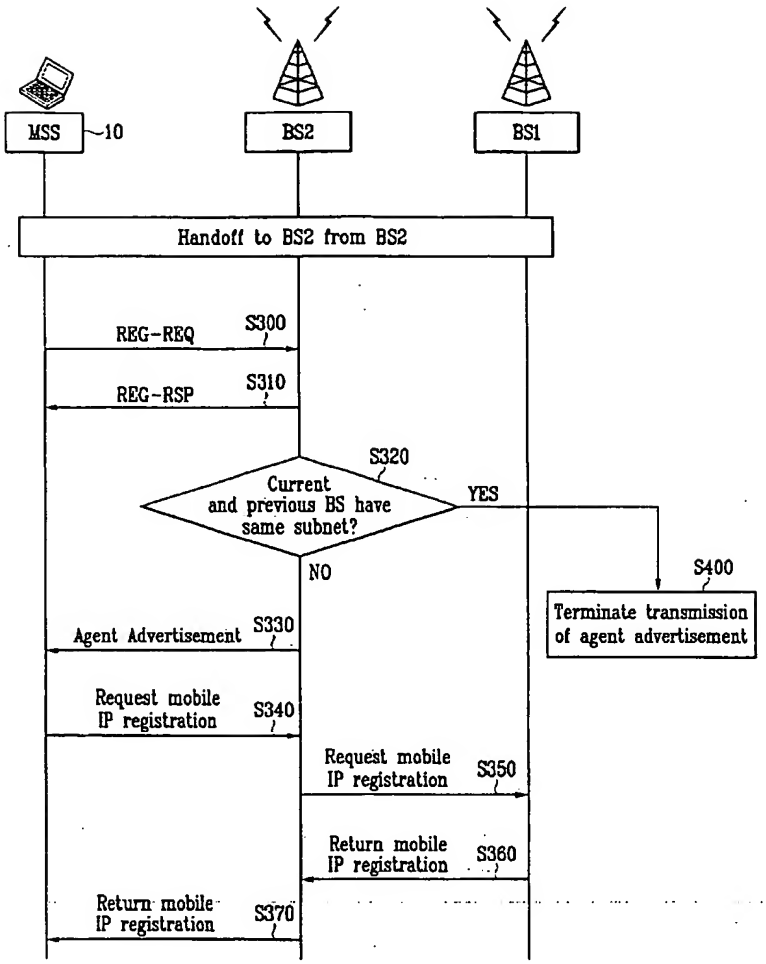
[Fig. 10]


MSS
10
BS2
BS1
HANDOFF FROM BS1 TO BS2
REG-REQ
S200
REG-RSP
S210
AGENT ADVERTISEMENT
S220
MOBILE IP REGISTRATION REQUEST
S230
MOBILE IP REGISTRATION REQUEST
S240
MOBILE IP REGISTRATION REPLY
S250
MOBILE IP REGISTRATION REPLY
S260

[Fig. 11]


40
D
A
INTERNET
200
(128.1.1.1)
FOREIGN
AGENT
B
HOME
AGENT
100
(129.1.1.1)
BS2
C
BS1
10
Home IP Address
= 129.1.1.10
COA
= 128.1.1.1

[Fig. 12]


MSS
10
BS2
BS1
Handoff to BS2 from BS2
REG-REQ
S300
REG-RSP
S310
S320
Current and previous BS have same subnet?
YES
NO
S400
Terminate transmission of agent advertisement
Agent Advertisement
S330
Request mobile IP registration
S340
Request mobile IP registration
S350
Return mobile IP registration
S360
Return mobile IP registration
S370